SAMUEL J. WELLBORN

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Litigation + Business

October 19, 2018

VIA ELECTRONIC FILING

The Honorable Jocelyn G. Boyd Chief Clerk / Administrator Public Service Commission of South Carolina 101 Executive Center Drive, Suite 100 Columbia, SC 29210

Re: Demand Side Management/Energy Efficiency ("DSM/EE") Quarterly Report

Docket No. 2011-181-E

Dear Ms. Boyd:

Pursuant to Commission Order No. 2011-619 issued September 2, 2011 in Docket No. 2011-181-E, Duke Energy Progress, LLC ("DEP") submits its quarterly report pertaining to Rider DSM/EE-9 and its EM&V schedule for Demand Side Management/Energy Efficiency ("DSM/EE") programs. The schedules accompanying this submission, for the quarter ending September 30, 2018, are as follows:

- Attachment 1 Amounts billed under Rider DSM/EE-9 during the reporting period accompanied by estimates of gross receipts taxes and South Carolina Regulatory Fees:
- Attachment 2 DSM/EE program energy and capacity savings achieved through the end of the reporting period;
- Attachment 3 DEP's anticipated DSM/EE program EM&V schedule; and
- Attachment 4 DEP's System O&M and A&G expenses and amounts allocated to South Carolina.

DEP will continue to submit this report to both the Commission and the Office of Regulatory Staff on a quarterly basis until further order of the Commission.

Please contact me if you have any questions.

Kind regards,

Sam Wellborn

SJW:tch

Enclosures

cc w/enc: Jeffrey M. Nelson, ORS Chief Legal Officer (via email)

J. Blanding Holman, IV, Esquire (via email)

Heather Shirley Smith, Deputy General Counsel (via email)

Rebecca J. Dulin, Senior Counsel (via email)

Rider DSM/EE-9 Quarterly Billings

A. Amounts Net of GRT & SC Reg Fee

		_	_						ELECT				
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	for the Quarter Ending September 30, 2018												
		다.											
A. Amounts Net of GRT & SC Reg F		필											
O to Olege	1214/11		DC14		0000				TOTAL M				
Rate Class	KWH	_	DSM		DSDR	<u>,</u>	EE	ć	Recovery U				
Residential	607,985,902	\$	1,482,007.22	\$	1,075,298.36	\$	5,142,367.71	\$	7,699,673.29				
Small General Service	83,280,080	\$	41,306.92	\$	80,281.99	\$	519,667.70	\$	641,256.61				
Medium General Svc	474,793,178		235,497.42		457,700.63		2,962,709.43		3,655,907.48				
Large General Service	605,103,195		300,131.18		583,319.47		3,775,843.94		4,659,294.59				
Lighting	19,960,796		-		-		-		- OE				
Non-Residential (Gross)	1,183,137,249	\$	576,935.52	\$	1,121,302.09	\$	7,258,221.07	\$	8,956,458.68				
Opt-Outs									9:5				
General Service EE	(751,323,266)	¢	(372,656.33)	¢		\$		¢	(372,656.33) →				
General Service DSM/DSDR	(749,446,673)	Ş	(372,030.33)	Ą	- (724,275.63)	Ą	- (4,676,547.24)	Ş	(5,400,822.87) ≤				
Lighting	(352,489)		- -		(/24,2/3.03)		(4,070,347.24)		(5,400,622.67)				
Non-Residential (Opt-Out)	NA	\$	(372,656.33)	\$	(724,275.63)	\$	(4,676,547.24)	\$					
		•	, , ,	·	, ,	•	, , ,	•	PS(
Non-Residential <i>(Net)</i>	NA	\$	204,279.19	\$	397,026.46	\$	2,581,673.83	\$	3,182,979.48				
Overall Net Recoveries	NA	\$	1,686,286.41	\$	1,472,324.82	\$	7,724,041.54	\$	10,882,652.77 CC				
B. GRT & SC Reg Fee													
Estimated Gross Receipts Tax @ 0).30 percent							\$	32,746.20				
Estimated SC Regulatory Fee @ 0.									16,556.21				
Total GRT and Regulatory Fee	•						•	\$	49,302.41 — H				
C. Estimated DSM/EE Billings (Section 2)	ons A + B)							\$	10,931,955.18				

Duke Energy Progress DSM / EE Program Savings (1)

September 30, 2018

		Year to Date		Cumulat		
•	No. of Participants		kW Savings	No. of Participants	<u> </u>	kW Savings
EnergyWise [™] (2)	364,681	-	364,681	364,681	-	364,681
CIG Demand Response (2)	21,497	-	21,497	21,497	-	21,497
Energywise for Business - DR (6)	4,605	-	4,605	4,605	-	4,605
Residential New Construction	8,215,725	9,867,738	4,075	23,705,053	48,648,972	20,869
Residential Home Energy Improvement	19,086	5,292,917	1,306	275,966	46,412,655	31,307
Residential Low Income - NES	3,008	1,292,256	197	38,950	19,420,669	2,693
Residential Lighting Program (3)	1,628,558	20,572,481	3,391	31,534,674	921,875,401	145,866
Non-Res Smart\$aver (3)						
Prescriptive Lighting	636,976	63,761,621	10,918	79,793,588	434,953,015	82,430
Prescriptive HVAC	277,598	1,230,098	247	3,066,454	10,394,440	3,120
Prescriptive Motor	346	247,897	38	970	1,045,850	121
Prescriptive Refrigeration	795	184,349	14	807,313	11,523,445	1,079
Performance Incentive	3	533,548	66	3	533,548	66
Custom Measure	9,740	9,755,774	1,247	15,773	77,990,740	13,782
Technical Assistance	-	-	-	7,046	924,590	90
CIG Energy Efficiency Total	925,458	75,713,287	12,530	83,691,147	537,365,627	100,686
Small Business Energy Saver (3)	28,643,051	28,454,895	4,706	111,910,479	199,022,843	45,911
My Home Energy Report (7)	799,498	112,767,890	19,090	799,498	112,767,890	19,090
Energy Efficiency Education Program (K-12)	5,944	1,462,200	619	35,012	8,013,972	1,994
Multi-Family Energy Efficiency Program	219,409	11,079,299	1,542	1,102,318	55,828,045	6,506
Save Energy & Water Kit Program	223,744	11,938,711	3,957	1,012,744	57,264,505	13,752
Residential Energy Assessment	29,653	4,042,770	675	95,082	13,121,770	2,192
Energywise for Business EE (6)	1,088	611,985	197	2,752	3,024,785	971
<u>Closed Programs</u> Business Energy Report - Pilot	-	-	-	25,809	8,472,181	1,380
Residential Appliance Recycling	-	-	-	47,834	27,252,360	3,118
Residential Energy Efficiency Benchmarking (4)	-	-	-	42,928	15,402,566	2,683
Residential Home Advantage (4)	-	-	-	7,174	8,649,183	3,078
Residential Solar Water Heating Pilot (4)	-	-	-	150	31,250	30
Residential CFL Pilot Program (4)	-	-	-	203,222	6,706,000	630
Summary Totals	41,105,006	283,096,430	443,067	254,921,576	2,089,280,676	793,538

⁽¹⁾ The values in this report, except where noted, represent estimated net savings at the meter. The reported net savings reflect ongoing annual reductions resulting from the installation of DSM/EE measures during the reporting periods. These amounts have been adjusted to account for the impact of anticipated net to gross relationships.

Subsequent reports will replace estimated savings with verified values, adjusted for appropriate net to gross ratios, as determined through the Measurement and Verification (M&V) process.

⁽²⁾ The EnergyWise TM participation levels shown represent program capabilities expressed in kW. The CIG Demand Response participation levels reflect contracted values.

⁽³⁾ Participation levels shown, represent number of installed measures.

⁽⁴⁾ Amounts reflect final net, post EM&V, values.

⁽⁵⁾ Business Energy Report - Pilot Program terminated 06/30/2017.

⁽⁶⁾ Demand Response savings identified in EnergyWise for Business-DR line. Participants and savings recognized from the program's conservation measures identified in EnergyWise for Business EE line.

⁽⁷⁾ Program includes single and multi-family dwellings. Participants are represented as current number of distinct accounts. Impacts represent programs current capabilities for kW and kWh savings.

Attachment 3

DEP DSM/EE Programs - Anticipated EM&V Schedule As of October 16, 2018

DEP DSM/EE Programs - Anticipated EM&V Schedule

2018 2019 Short 2018 2019 2019 SC Docket **Program Name** NC Docket name 3rd Quarter 4th Quarter 1st Quarter 2nd Quarter 3rd Quarter 4th Quarter Notes Docket No. E-2, Docket 2010-REP (2018) Commercial Demand Response Sub 953 41-E CIG DR Docket No. E-2, Docket 2009 DSDR Sub 926 Distribution System Demand Response 190-E Docket No. E-2, Docket 2009-PROC/IMP PROC/IMP Report in Jan 2020 Nonresidential Smart \$aver EE Products & Assessment (Prescriptive) Sub 938 190-E EEB Docket No. E-2, Docket 2009-EEB Custom projects combined with DEC Smart \$aver Custom eval report PROC/IMP REP EEB Nonresidential Smart \$aver EE Products & Assessment (Custom) Sub 938 Docket No. E-2, 190-E Docket 2009-REP (W2017/2018) REP (S2018) REP (W2018/2019) Sub 927 Docket No. E-2, EnergyWise 190-E EW ocket 2015 REP (2017) REP (2018) EnergyWise for Business Sub 1086 163-E **EWB** 2017 report (PY2016) to be combined with DEC evaluation report Docket No. E-2, Docket 2014-PROC/IMP REP (2017/2018) K12 Energy Efficiency Education Sub 1060 Docket No. E-2, 420-E 2nd eval in 2018 to be combined evaluation with DEC Docket 2016-PROC/IMP REP Residential Energy Assessment Sub 1094 82-E REA Program approved Feb 2016 Docket No. E-2, Docket 2010-LP Lighting (Retail) Sub 950 Docket No. E-2, Docket 2014 PROC/IMP REP Sub 1059 419-E MF Will be combined DEC/DEP evaluation Multi-Family Energy Efficiency Docket No. E-2, Docket 2011-REP MyHER My Home Energy Report Sub 989 Report in 2018 will be combined DEC/DEP evaluation 180-E Docket No. E-2, Docket 2009-IMP REP PROC NES Neighborhood Energy Saver Sub 952 190-E 2018 delayed to 2019 due to complete switchover to LEDs; evaluation to be combined with DEC evaluation Docket No. E-2, Docket 2015-Residential New Construction Sub 1021 237-E RNC Docket No. E-2 Docket 2015-REP PROC/IMP SEW To be combined with DEC evaluation Residential Save Energy & Water Kit Sub 1085 322-E Docket No. E-2, Docket 2015-REP Small Business Energy Saver SBES Sub 1022 163-E To be combined with DEC evaluation

LEGEND							
PROC	Process surveys/interviews (customers or other) for purposes of report that follows						
IMP	Impact data collection (onsites, billing data) and analysis for purposes of report that follows						
REP	Evaluation, Measurement & Verification Report						

NOTE: THESE DATES ARE SUBJECT TO CHANGE

South Carolina Retail - DSM/EE Cost Summary

								SOUTH CAR	DLINA JURISDI	CTIONALLY ALI	LOCATED RETA	IL COSTS OI	NLY				-
Q	3 of Test Period		O&M	Insurance	Λ 9. (Evnonco	Capitalized O&M and A&G		Amortization of Capitalized A&G	I DSDR Capital Costs	Income Taxes on DSDR Capital Costs	DSDR Property Taxes	DSDR Depreciation	Costs Net of	Income Taxes on Carrying Cost	Rev R Before NI	PPI & ≥
	July 2018 through September 2018		(1)	(2)	AOX	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(1.	
	,gp		(-)	(-/		(5)	ΣCols(1)thru(3)	((1)+(2))/3	(3)/3	(*)	(3)	(5)	(10)	(/	(/	ΣCols(5)	thru(12) 🗖
	SC DSM Program Expenses													I			F
1	CIG DR	Per Books	\$ 80,558		\$	_	\$ 80,558	\$ 26,853	\$ -					\$ -	\$ -	\$	26,853
2	EnergyWise	Per Books	488,221		ľ	-	488,221	162,740	-					-	· -	1	62,740
3	Small Business EE DR	Per Books	64,799				64,799	21,600	-					-	-		21,600
4	Total DSM	Σ Lines thru 3	\$ 633,578		\$	-	\$ 633,578	\$ 211,193	\$ -					\$ -	\$ -	\$ 2	11,193
5	DSM Assigned to A&G Cost	Per Books				26,372	26,372	-	8,791					89,725	20,486	1	19,002
6	Total DSM and Assigned Cost	Σ Lines 4 thru 5	\$ 633,578		\$	26,372	\$ 659,950	\$ 211,193	\$ 8,791					\$ 89,725	\$ 20,486	\$ 3	30,195
	SC EE Program Expenses																04,943 022,273
7	Res Home Energy Improvem't	Per Books	314,828			-	314,828	\$ 104,943	-					-	-	1	04,943
8	Residential Low Income	Per Books	66,819			-	66,819	\$ 22,273						-	-		22,273
9	CIG Energy Efficiency	Per Books	308,054			-	308,054	\$ 102,685	-					-	-	1	02,685 ¬
10	Residential Lighting	Per Books	328,203			-	328,203	\$ 109,401	-					-	-	1	09,401
11	, ,	Per Books	-			-	-	\$ -	-					-	-		
12	5	Per Books	211,650			-	211,650							-	-	2	11,650
13		Per Books	275,575			-	275,575										91,858
14		Per Books	506,918			-	506,918							-	-	1	68,973
15		Per Books	14,563			-	14,563										4,854 41.542
16	,	Per Books	124,625			-	124,625		-								41,542
17		Per Books	-			-	-	\$ -	-								. 'o
18		Per Books	-			-	-	\$ -	-								
19	· ·	Per Books	39,569				39,569	\$ 13,190									13,190 22,063
20	3,	Per Books	66,189		ć		66,189							<u> </u>	ć	ć 0	93,432
21 22		Σ Lines 7 thru 20	\$ 2,256,993		\$	105,261	\$ 2,256,993 105,261	\$ 893,432	: \$ - 35,087					\$ -	\$ - 64,933	\$ 8	84,423
23	-	Per Books Σ Lines 21 thru 22	\$ 2,256,993	_	Ś	105,261		\$ 893,432						\$ 284,403		\$ 12	77,855 <u></u>
23	Total Dolvi allu Assigneu Cost	2 Lines 21 tillu 22	\$ 2,230,333		٦	103,201	\$ 2,302,234	Ç 055,452	33,007 د					3 204,403	\$ 04,555	γ 1,2	//,833 D
	SC DSDR Program Expenses																8
24	DSDR Program	Per Books	\$ 182,137	\$ 26,030	\$	-	\$ 208,167	\$ 69,389	\$ -	\$ 248,462	\$ 56,518	\$ 96,135	\$ 435,359	\$ 41,352	\$ 9,441	\$ 9	56,656
25	DSDR Assigned to A&G Cost	Per Books				-	-		-							\$	<u> </u>
26	Total DSM and Assigned Cost	Σ Lines 24 thru 25	\$ 182,137	\$ 26,030	\$	-	\$ 208,167	\$ 69,389	\$ -	\$ 248,462	\$ 56,518	\$ 96,135	\$ 435,359	\$ 41,352	\$ 9,441		56,656#
27	Test Period Totals	Lines 6 + 23 + 26	\$ 3,072,708	\$ 26,030	\$	131,633	\$ 3,230,371	\$ 1,174,014	\$ 43,878	3 \$ 248,462	\$ 56,518	\$ 96,135	\$ 435,359	\$ 415,480	\$ 94,860	\$ 2,5	64,706
	*FF Danah manising programs in recoverable array of the																1-181-
	*EE Benchmarking program is recoverable over a 1 year. All other EE programs are over a 3 year period.	ear period															8
	All other EE programs are over a 3 year period																<u>—</u>
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^{*}EE Benchmarking program is recoverable over a 1 year period All other EE programs are over a 3 year period

^	В	С	D E	F
EE Deferral Calculation DSM/EE Filing Support				
Cost summary for 07/18 - 9/18				
4				
5				
6				
7 8				
9	Jul-18	Aug-18	Sep-18	Q3 2018
10				
EE Current Period Actual Program Cost Deferral:				
program O&M Costs CIG Energy Efficiency				_
Home Depot CFL				
EE Behavior Program (1 year)	630,727.41	8,566.54	826,517.28	1,465,811.23
Residential Home Advantage	-	-	-	
Business Energy Report Residential Home Energy Improvement (Ph.II)	160,444.57	1,518,784.51	501,148.98	2,180,378.06
Residential Low Income / PHA (Ph.II)	97,913.10	28,961.86	335,885.19	462,760.15
Residential Lighting	540,028.54	1,390,040.53	342,943.85	2,273,012.92
Appliance Recycle	-	-	-	1 000 500 01
Small Business Direct Install Residential New Construction	629,208.13 1,395,815.40	967,299.71 1,023,644.82	312,018.17 1,091,265.94	1,908,526.01 3,510,726.16
K12 Performance - National Theatre	(3,800.89)	8,602.81	96,053.81	100,855.73
Freezer Recycle Program	-	· -	· -	-
Save Energy and Water Kit	86,522.14	168,995.06	18,524.68	274,041.88
Residential Energy Assessments Non-Res Custom Incentive	145,887.84 102,795.42	228,806.36 157,809.99	83,703.39 76,054.45	458,397.59 336,659.86
Non-Res Pres-Lighting	499,598.60	578,535.57	536,633.25	1,614,767.42
Non-Res Custom Assessments	12,049.14	9,916.86	16,856.55	38,822.55
Non-Res Pres-Food Service	13,766.30	20,313.86	13,474.01	47,554.17
Non-Res Pres-HVAC Multi-Family Aerators	22,947.95 28,771.61	36,223.83 28,928.37	36,492.75 14,646.99	95,664.53
s Multi-Family Pipe Wrap	222,888.56	309,946.46	141,148.57	72,346.97 673,983.59
Multi-Family Showerheads	38,910.09	55,010.22	22,859.59	116,779.90
Residential CFL Property Manager				
Total EE O&M	4,624,473.91	6,540,387.36	4,466,227.45	15,631,088.72
Program Costs not yet Commission Approved				
Business Energy Report				
42				
G&A	339,029.18	282,566.36	230,516.66	852,112.20
True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred G&A and O&M	4,963,503.09	6,822,953.72	4,696,744.11	16,483,200.92
6 Substitut Bolomod day tand dam	1,000,000.00	0,022,000.72	1,000,711.11	10, 100,200.02
a SC				
Program Costs CIG Energy Efficiency				
Home Depot CFL	-	-	-	-
EE Behavior Program	91,071.57	1,236.93	119,341.92	211,650.42
Residential Home Advantage	-	-	-	-
Business Energy Report (3 years) Residential Home Energy Improvement (Ph.II)	- 23,166.80	-	- 70.061.56	214 927 66
Residential Low Income / PHA (Ph.II)	14,137.80	219,299.30 4,181.84	72,361.56 48,498.91	314,827.66 66,818.55
Residential Lighting (5 years) - updated to 3 years in 20	77,975.44	200,709.79	49,518.12	328,203.35
Solar Hot Water Pilot	-	-	-	-
Appliance Recycle	-	-	- 45.050.70	-
Small Business Direct Install Residential New Construction	90,852.19 201,543.63	139,669.68 147,805.43	45,052.72 157,569.33	275,574.59 506,918.39
K12 Performance - National Theatre	(548.82)	1,242.17	13,869.34	14,562.69
Freezer Recycle Program	` -	· -	· -	-
Save Energy and Water Kit - tentatively 5 years	12,493.05	24,401.42	2,674.80	39,569.27
Residential Energy Assessments - tentatively 5 years Non-Res Custom Incentive	21,064.94 14,842.77	33,037.65 22,786.39	12,086.04 10,981.60	66,188.63 48,610.76
	72,137.70	83,535.52	77,485.18	233,158.40
		1,431.91	2,433.94	5,605.64
Non-Res Pres-Lighting Non-Res Custom Assessments	1,739.79	1, 101.01		
Non-Res Pres-Lighting Non-Res Custom Assessments Non-Res Pres-Food Service	1,987.73	2,933.15	1,945.53	6,866.41
Non-Res Pres-Lighting Non-Res Custom Assessments Non-Res Pres-Food Service Non-Res Pres-HVAC	1,987.73 3,313.48	2,933.15 5,230.41	5,269.24	13,813.13
Non-Res Pres-Lighting Non-Res Custom Assessments Non-Res Pres-Food Service Non-Res Pres-HVAC Multi-Family Aerators	1,987.73 3,313.48 4,154.37	2,933.15 5,230.41 4,177.01	5,269.24 2,114.90	13,813.13 10,446.28
Non-Res Pres-Lighting Non-Res Custom Assessments Non-Res Pres-Food Service Non-Res Pres-HVAC	1,987.73 3,313.48	2,933.15 5,230.41	5,269.24	13,813.13
Non-Res Pres-Lighting Non-Res Custom Assessments Non-Res Pres-Food Service Non-Res Pres-HVAC Multi-Family Aerators Multi-Family Pipe Wrap Multi-Family Showerheads Residential CFL Property Manager	1,987.73 3,313.48 4,154.37 32,183.17 5,618.28	2,933.15 5,230.41 4,177.01 44,753.58 7,943.00	5,269.24 2,114.90 20,380.63 3,300.73	13,813.13 10,446.28 97,317.38 16,862.01
Non-Res Pres-Lighting Non-Res Custom Assessments Non-Res Pres-Food Service Non-Res Pres-HVAC Multi-Family Aerators Multi-Family Pipe Wrap Multi-Family Showerheads	1,987.73 3,313.48 4,154.37 32,183.17	2,933.15 5,230.41 4,177.01 44,753.58	5,269.24 2,114.90 20,380.63	13,813.13 10,446.28 97,317.38
Non-Res Pres-Lighting Non-Res Custom Assessments Non-Res Custom Assessments Non-Res Pres-Food Service Non-Res Pres-HVAC Multi-Family Aerators Multi-Family Pipe Wrap Multi-Family Showerheads Residential CFL Property Manager Total EE O&M	1,987.73 3,313.48 4,154.37 32,183.17 5,618.28 	2,933.15 5,230.41 4,177.01 44,753.58 7,943.00 944,375.18	5,269.24 2,114.90 20,380.63 3,300.73 	13,813.13 10,446.28 97,317.38 16,862.01 2,256,993.56
Non-Res Pres-Lighting Non-Res Custom Assessments Non-Res Pres-Food Service Non-Res Pres-HVAC Multi-Family Aerators Multi-Family Pipe Wrap Multi-Family Showerheads Residential CFL Property Manager	1,987.73 3,313.48 4,154.37 32,183.17 5,618.28	2,933.15 5,230.41 4,177.01 44,753.58 7,943.00	5,269.24 2,114.90 20,380.63 3,300.73	13,813.13 10,446.28 97,317.38 16,862.01
Non-Res Pres-Lighting Non-Res Custom Assessments Non-Res Custom Service Non-Res Pres-Food Service Non-Res Pres-HVAC Multi-Family Aerators Multi-Family Pipe Wrap Multi-Family Showerheads Residential CFL Property Manager Total EE O&M	1,987.73 3,313.48 4,154.37 32,183.17 5,618.28 	2,933.15 5,230.41 4,177.01 44,753.58 7,943.00 944,375.18	5,269.24 2,114.90 20,380.63 3,300.73 	13,813.13 10,446.28 97,317.38 16,862.01 2,256,993.56
Non-Res Pres-Lighting Non-Res Custom Assessments Non-Res Pres-Food Service Non-Res Pres-HVAC Multi-Family Aerators Multi-Family Pipe Wrap Multi-Family Showerheads Residential CFL Property Manager Total EE O&M G&A True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred O&M and G&A	1,987.73 3,313.48 4,154.37 32,183.17 5,618.28 667,733.89 46,374.62	2,933.15 5,230.41 4,177.01 44,753.58 7,943.00 - 944,375.18 28,364.10	5,269.24 2,114.90 20,380.63 3,300.73 	13,813.13 10,446.28 97,317.38 16,862.01 2,256,993.56 105,261.22
Non-Res Pres-Lighting Non-Res Custom Assessments Non-Res Custom Assessments Non-Res Pres-Food Service Non-Res Pres-HVAC Multi-Family Aerators Multi-Family Pipe Wrap Multi-Family Showerheads Residential CFL Property Manager Total EE O&M G&A True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred O&M and G&A Return Calc	1,987.73 3,313.48 4,154.37 32,183.17 5,618.28 667,733.89 46,374.62 714,108.51	2,933.15 5,230.41 4,177.01 44,753.58 7,943.00 944,375.18 28,364.10 972,739.28	5,269.24 2,114.90 20,380.63 3,300.73 644,884.49 30,522.50 675,406.99	13,813.13 10,446.28 97,317.38 16,862.01 2,256,993.56 105,261.22 2,362,254.78
Non-Res Pres-Lighting Non-Res Custom Assessments Non-Res Pres-Food Service Non-Res Pres-HVAC Multi-Family Aerators Multi-Family Pipe Wrap Multi-Family Showerheads Residential CFL Property Manager Total EE O&M G&A True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred O&M and G&A	1,987.73 3,313.48 4,154.37 32,183.17 5,618.28 667,733.89 46,374.62	2,933.15 5,230.41 4,177.01 44,753.58 7,943.00 - 944,375.18 28,364.10	5,269.24 2,114.90 20,380.63 3,300.73 	13,813.13 10,446.28 97,317.38 16,862.01
Non-Res Pres-Lighting Non-Res Custom Assessments Non-Res Pres-Food Service Non-Res Pres-Food Service Non-Res Pres-HVAC Multi-Family Aerators Multi-Family Pipe Wrap Multi-Family Showerheads Residential CFL Property Manager Total EE O&M G&A True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred O&M and G&A Return Calc Debt Component - Net of Tax Equity Component - Net of Tax Equity Return Tax Gross-Up	1,987.73 3,313.48 4,154.37 32,183.17 5,618.28 667,733.89 46,374.62 714,108.51 24,756.88 71,562.66 21,991.21	2,933.15 5,230.41 4,177.01 44,753.58 7,943.00 944,375.18 28,364.10 972,739.28 24,275.14 70,170.14 21,563.28	5,269.24 2,114.90 20,380.63 3,300.73 644,884.49 30,522.50 675,406.99 24,067.65 69,570.36 21,378.97	13,813.13 10,446.28 97,317.38 16,862.01 2,256,993.56 105,261.22 2,362,254.78 73,099.67 211,303.16 64,933.46
Non-Res Pres-Lighting Non-Res Custom Assessments Non-Res Pres-Food Service Non-Res Pres-HVAC Multi-Family Aerators Multi-Family Pipe Wrap Multi-Family Showerheads Residential CFL Property Manager Total EE O&M G&A True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred O&M and G&A Return Calc Debt Component - Net of Tax Equity Component - Net of Tax	1,987.73 3,313.48 4,154.37 32,183.17 5,618.28 667,733.89 46,374.62 714,108.51 24,756.88 71,562.66	2,933.15 5,230.41 4,177.01 44,753.58 7,943.00 	5,269.24 2,114.90 20,380.63 3,300.73 644,884.49 30,522.50 675,406.99	13,813.13 10,446.28 97,317.38 16,862.01 2,256,993.56 105,261.22 2,362,254.78 73,099.67 211,303.16

DSM Current Period Actual Program Cost Deferral: Program Cost CIG Demand Response (Ph. II)	A	В	С	D	E	F
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DSM Current Period Actual Program Cost Deferral:						
DSM Current Period Actual Program Cost Deferral: Program Costs Citi Command Response (Ph. II) 168,652.20 117,651.39 311,769.32 5 5 5 5 5 5 5 5 5	mmary for 07/18 - 9/18					
DSM Current Period Actual Program Cost Deferral: Program Costs Citi Command Response (Ph. II) 168,652.20 117,651.39 311,769.32 5 5 5 5 5 5 5 5 5						
DSM Current Period Actual Program Cost Deferral: Program Costs Program Costs CIG Demand Response (Ph. II) 168,652.20 117,651.39 311,769.32 5 5 5 5 5 5 5 5 5						
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Program Costs CiG Demand Response (Ph. II) 168,652.20 117,651.39 311,769.32 5 128,000 1347,129.57 289,465.75 249,465.75 279,107.23 28,000 2,077,277 289,465.75 2,015,066.19 4,7 2,015,066		oui-10	Aug-10	Эер-10		Q3 2010
Program Costs CIG Demand Response (Ph. II) 168,652.20 117,651.39 311,769.32 5 126,000 1347,129.57 289,465.75 249,465.75 279,107.23 28 28 28 28 28 28 28	ant Davied Actual Dragram Coat Deferral					
CiG Demand Response (Ph. II)						
Residential Energy Wise 883,859.99 1,347,129.57 289,466.75 4,438.31.12 3,248.675 4,438.31.12 3,248.675 4,438.31.12 3,248.675 4,438.31.12 3,248.675 4,438.31.12 3,248.675 4,438.31.12 3,248.675 4,438.31.12 3,248.675 4,438.31.12 3,248.675 4,438.31.12 3,248.675 4,438.31.12 3,248.675 4,438.31.12 3,248.675 4,438.31.12 3,248.675 4,438.31.12 3,248.675 4,438.31.12 3,248.675 4,438.31.12 3,248.675 4,438.31.12 3,248.675 4,438.31.12 3,448.675 3,448.31.12 3,448.31.		100.050.00	117 051 00	011 700 00		598,072.9
Small Business EE DR		,		,		,
Total DSM 0&M Program Costs not yet Commission Approved Small Business EE DR G&A True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred G&A and 0&M Small Business EE DR Frogram Costs CIG Demand Response (Ph. II) Residential Energy Wise Small Business EE DR 116,331.18 181,452.59 190,437.00 4.58 G&A 11,678.45 39,396.77 38,398.80 170410 G&A True-up Entry Amount, if any (See **True-up Notes) Small Business EE DR 116,410.45 116,410						3,624,619.7
Program Costs not yet Commission Approved Small Business EE DR G&A True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred G&A and O&M CIG Demand Response (Ph. II) Pesidential Energy Wise Small Business EE DR 116,331.18 181,452.59 190,437.00 483,989.80 116,331.18 181,452.59 190,437.00 483,989.80 116,331.18 181,452.59 190,437.00 483,989.80 115,548.36 206,698.50 271,420.79 6 G&A True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred O&M and G&A 11,678.45 167,136.81 176,280.36 177,295.45 177,295.45 178,470.41 178,686.44 178,687.45 178,795.59 189,797.72 189,797						481,077.0
Small Business EE DR	M O&M	1,154,144.81	1,534,558.73	2,015,066.19		4,703,769.7
Small Business EE DR						
G&A 1,245,667.62 1,610,839.09 2,077,295.45 4,556 5,567,00 1,245,667.62 1,610,839.09 2,077,295.45 4,5667,62 1,610,839.09 2,077,295.45 4,5667,62 1,610,839.09 2,077,295.45 4,5667,62 1,610,839.09 2,077,295.45 4,5667,62 1,610,839.09 2,077,295.45 4,5667,62 1,610,839.09 2,077,295.45 4,5667,62 1,610,839.09 2,077,295.45 4,5667,62 1,610,839.09 2,077,295.45 4,5667,62 1,610,839.09 2,077,295.45 4,5667,62 1,610,839.09 2,077,295.45 4,5667,62 1,610,839.09 2,077,295.45 4,5667,62 1,610,839.09						
True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred G&A and O&M 1,245,667.62 1,610,839.09 2,077,295.45 4,5 Sc: Program Costs CIG Demand Response (Ph. II) 22,716.73 15,847.14 41,993.99 Residential Energy Wise Small Business EE DR 16,311.18 181,452.59 190,437.00 4 Residential Energy Wise Small Business EE DR 11,678.45 7,007.41 7,686.44 True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred O&M and G&A 31,785.83 Subtotal Deferred OProgram Costs not yet Commission Approved Recovery SC (415,343.20) (427,550.57) (404,586.83) (1,2 Amortizaton O&M G&A (7,418.87) (15,859.85) (16,086.20) (282,997.27) (312,997.63) (264,938.01) (6 Carrying Cost Balance Beg Balance Beg Balance 167,136.81 213,705.91 279,107.23 (6 6,607,836.56 6,501,613.71 6,426,436.93 19.5 Prior Month Ending Balance for return calc (2007- Nov 09 Average Bal.) ADIT Basis for return calc Carrying Cost Balance Friedman Cost (200,7836.56 6,501,613.71 6,426,436.93 19.5 ADIT 8,553,079.47 1,553,179.47 1,553,179.47 1,553,179.47 1,554,153.81 1,510,444.03 4,5 Return Calc Dett Component - Net of Tax Equily Return Tax Gross-Up 6,692.98 6,681.769 6,719.86 6,617.98 6,73.86	Business EE DR					
True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred G&A and O&M 1,245,667.62 1,610,839.09 2,077,295.45 4,5 SC: Program Costs CIG Demand Response (Ph. II) 22,716.73 15,847.14 41,993.99 Residential Energy Wise Small Business EE DR 16,311.18 181,452.59 190,437.00 4 Residential Energy Wise Small Business EE DR 11,678.45 7,007.41 7,686.44 True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred O&M and G&A True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred OProgram Costs not yet Commission Approved Recovery SC (415,343.20) (427,550.57) (404,586.83) (1,2 Amortizaton O&M G&A (7,416.87) (282,997.27) (312,997.63) (264,936.91) (262,997.27) (312,997.63) (264,936.91) (262,997.27) (312,997.63) (264,369.93) 19,5 Prior Month Ending Balance for return calc (2007- Nov 09 Average Bal.) ADIT Basis for return calc Charter Calc Dett Component - Net of Tax Equity Return Tax Gross-Up 6,692.98 6,697.88.65 6,697.88.65 7,675.11 7,586.36 Equity Return Tax Gross-Up 6,692.98 6,697.88.65 6,697.88.66 6,617.69 7,886.66 6,791.86.67 7,886.66 6,791.86.76 7,886.86 6,767.51.17 7,586.36 Equity Return Tax Gross-Up						
Subtotal Deferred G&A and O&M 1,245,667.62 1,610,839.09 2,077,295.45 4,5		91,522.81	76,280.36	62,229.26		230,032.4
Sc: Program Costs CIG Demand Response (Ph. II) Residential Energy Wise Small Business EE DR 116,331.18 118,452.59 190,437.00 416,410.45 9,398.77 38,989.80 155,458.36 206,698.50 271,420.79 6 G&A True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred O&M and G&A True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred OF Program Costs not yet Commission Approved Recovery SC (415,343.20) (427,550.57) (404,586.83) (1,2 Amortizaton O&M G&A (17,416.87) (15,859.85) (16,086.20) (282,997.27) (312,997.63) (264,938.01) (6 Carrying Cost Balance Bag Balance Infinite Signature Bag Balance Infinite Signature Infinite						
Program Costs CIG Demand Response (Ph. II) 22,716.73 15,847.14 41,993.99 Residential Energy Wise 116,331.18 181,452.59 190,437.00 4 4 4 4 4 4 4 4 4	eferred G&A and O&M	1,245,667.62	1,610,839.09	2,077,295.45		4,933,802.1
Program Costs CIG Demand Response (Ph. II) CIG Demand Response (Ph. III) Residential Energy Wise Small Business EE DR 116,331.18 181,452.59 190,437.00 4 Total DSM O&M 155,458.36 206,698.50 271,420.79 6 G&A True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred O&M and G&A True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred of Program Costs not yet Commission Approved Recovery SC 415,343.20 427,550.57) 404,586.83) 41,243.20 427,550.57) 404,586.83) 41,243.20 427,550.57) 404,586.83) 41,243.20 427,550.57) 404,586.83) 41,243.20 427,550.57) 404,586.83) 41,243.20 427,550.57) 404,586.83) 41,243.20 427,550.57) 404,586.83) 41,243.20 427,550.57) 428,997.27) 428,997.27) 429,107.23 428,997.27) 429,107.23 429,107.23 430,1083.13) 44,108,108,108,108,108,108,108,108,108,108						
ČÍG Demand Response (Ph. II) 22,716,73 15,847,14 41,933,99 4 Residential Energy Wise 116,331.18 181,452.59 190,437.00 4 Small Business EE DR 16,410.45 9,398.77 38,999.80 6 G&A 11,678.45 7,007.41 7,686.44 7 True-up Entry Amount, if any (See **True-up Notes) 167,136.81 213,705.91 279,107.23 6 Subtotal Deferred of Program Costs not yet Commission Approved 4 447,550.57 (404,586.83) (1,2 Recovery (415,343.20) (427,550.57) (404,586.83) (1,2 SC (415,343.20) (427,550.57) (404,586.83) (1,2 Amortizaton (415,343.20) (427,550.57) (404,586.83) (1,2 Q&A (17,416.87) (15,859.85) (16,086.20) (1,2 Q&A (17,416.87) (15,859.85) (16,086.20) (1,2 QBB Balance (6,07,836.56) (6,501,613.71) (6,426,436.93) 19,5 Beg Balance Puses (6,07,836.56) (8,201,613.71) </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
ČÍG Demand Response (Ph. II) 22,716,73 15,847,14 41,933.99 4 Residential Energy Wise 116,331.18 181,452.59 190,437.00 4 Small Business EE DR 16,410.45 9,398.77 38,999.80 6 G&A 11,678.45 7,007.41 7,686.44 7 True-up Entry Amount, if any (See **True-up Notes) 167,136.81 213,705.91 279,107.23 6 Subtotal Deferred of Program Costs not yet Commission Approved 4 427,550.57 (404,586.83) (1,2 Recovery (415,343.20) (427,550.57) (404,586.83) (1,2 SC (415,343.20) (427,550.57) (404,586.83) (1,2 Amortizaton (415,343.20) (427,550.57) (404,586.83) (1,2 Q&A (17,416.87) (15,859.85) (16,086.20) (1 Q&A (217,316.81) 213,705.91 (294,596.94) (8 Q&A (17,416.87) (15,859.85) (16,086.20) (1 QBB Balance (6,007,836.56) (6,501,613.71) (6,426,436	Costs					
Residential Energy Wise 116,331.18 181,452.59 190,437.00 4		22,716.73	15,847.14	41,993.99		80,557.8
Small Business ÉE DR						488,220.7
Total DSM O&M				38,989.80		64,799.0
G&A True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred O&M and G&A Subtotal Deferred of Program Costs not yet Commission Approved Recovery SC (415,343.20) (427,550.57) (404,586.83) (1,2 Amortizaton O&M G&A (255,942.79) (273,022.84) (294,596.94) (68 G&A (17,416.87) (15,859.85) (16,086.20) (68 Carrying Cost Balance Beg Balance Plus expense 167,136.81 213,705.91 279,107.23 (68 End Balance Piror Month Ending Balance for return calc (2007- Nov 09 Average Bal.) ADIT Basis for return calc Return Calc Debt Component - Net of Tax Equity Return Tax Gross-Up 6,929.08 6,817.69 6,738.86						633,577.6
True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred O&M and G&A 167,136.81 213,705.91 279,107.23 6 Subtotal Deferred of Program Costs not yet Commission Approved Recovery SC (415,343.20) (427,550.57) (404,586.83) (1,2 Amortizaton O&M (255,942.79) (17,416.87) (15,859.85) (16,086.20) (86,07,836.56) (80,7,836.56) (80,7,836.56) (80,7,836.56) (80,7,836.56) (80,838.69) (80,838.69) (80,838.86) (80,838.69) (80,838.86) (80,838.69) (80,838.86) (80,838.69) (80,838.86) (80,888.86) (80,888.86) (8	·····	.55,.55.66	200,000.00	2, .20.70		555,577.6
True-up Entry Amount, if any (See **True-up Notes) Subtotal Deferred O&M and G&A 167,136.81 213,705.91 279,107.23 6 Subtotal Deferred of Program Costs not yet Commission Approved Recovery SC (415,343.20) (427,550.57) (404,586.83) (1,2 Amortizaton O&M (255,942.79) (17,416.87) (15,859.85) (16,086.20) (86,07,836.56) (80,7,836.56) (80,7,836.56) (80,7,836.56) (80,7,836.56) (80,838.69) (80,838.69) (80,838.86) (80,838.69) (80,838.86) (80,838.69) (80,838.86) (80,838.69) (80,838.86) (80,888.86) (80,888.86) (8		11 678 45	7 007 41	7 686 44		26,372.3
Subtotal Deferred O&M and G&A Subtotal Deferred of Program Costs not yet Commission Approved Recovery SC (415,343.20) (427,550.57) (404,586.83) (1,2 Amortizaton O&M G&A (17,416.87) (15,859.85) (16,086.20) (282,997.27) (312,997.63) (264,938.01) (68 Carrying Cost Balance Beg Balance Beg Balance Beg Balance Beg Balance 167,136.81 213,705.91 279,107.23 (294,596.94) (694,938.01) (694,	ntry Amount if any (See **True-up Notes)	11,070.43	7,007.41	7,000.44		20,072.0
Subtotal Deferred of Program Costs not yet Commission Approved Recovery SC (415,343.20) (427,550.57) (404,586.83) (1,2 Amortizaton O&M (255,942.79) (273,022.84) (294,596.94) (80,000 (17,416.87) (15,859.85) (16,086.20) (10,000 (167 126 91	213 705 01	270 107 22		659,949.9
Recovery SC (415,343.20) (427,550.57) (404,586.83) (1,2 Amortizaton O&M (255,942.79) (273,022.84) (294,596.94) (8 G&A (17,416.87) (15,859.85) (16,086.20) (282,997.27) (312,997.63) (264,938.01) (6 Carrying Cost Balance Beg Balance Beg Balance plus expense (6,607,836.56 (6,501,613.71 (6,426,436.93 19,500.68) (1,608.20) (1,60	Cicirca Caivi and Can	107,130.01	213,703.81	213,101.23		000,549.8
Recovery SC (415,343.20) (427,550.57) (404,586.83) (1,2 Amortizaton O&M (255,942.79) (273,022.84) (294,596.94) (6 G&A (17,416.87) (15,859.85) (16,086.20) (282,997.27) (312,997.63) (264,938.01) (6 Carrying Cost Balance Beg Balance Beg Balance Plus expense (6,607,836.56 (6,501,613.71 (6,426,436.93 19,500.68) (288,882.69) (310,683.13) (60,607,836.56) (288,882.69) (310,683.13) (60,607,836.56) (288,882.69) (310,683.13) (60,607,836.56) (288,882.69) (310,683.13) (60,607,836.56) (288,882.69) (310,683.13) (60,607,836.56) (288,882.69) (310,683.13) (60,607,836.56)	Deferred of Program Coets not yet Commission Approved					
Amortizaton O&M O&M O&A (255,942.79) (273,022.84) (294,596.94) (86,4) (17,416.87) (15,859.85) (16,086.20) (282,997.27) (312,997.63) (264,938.01) (86 Carrying Cost Balance Beg Balance Beg Balance Beg Balance Beg Balance (273,359.66) (288,882.69) (288,882.69) (288,882.69) (288,882.69) (288,882.69) (288,882.69) (288,882.69) (288,882.69) (288,882.69) (288,882.69) (288,882.69) (310,683.13) (88 End Balance 6,501,613.71 6,426,436.93 6,394,861.03 19,5 Prior Month Ending Balance for return calc (2007- Nov 09 Average Bal.) (6,607,836.56 6,501,613.71 6,426,436.93 19,5 ADIT 1,553,079.47 1,528,113.28 1,510,444.03 4,5 Basis for return calc 7,800.50 7,675.11 7,586.36 Equity Component - Net of Tax 22,548.26 22,185.79 21,929.26 Equity Return Tax Gross-Up 6,929.08 6,817.69 6,738.86	Deletied of Frogram Costs not yet Commission Approved					
Amortizaton O&M O&M (255,942.79) (273,022.84) (294,596.94) (8 G&A (17,416.87) (15,859.85) (16,086.20) (8 Carrying Cost Balance Beg Balance Beg Balance Beg Balance Beg Balance (273,359.66) (288,882.69) (279,107.23 (6),501.613.71 (6),426,436.93 19.5,501.613.71 (6),426,436.93 (6),501.613.71 (6),426,436.93 (7),501.613.71 (7						
Amortizaton O&M G&A (255,942.79) (273,022.84) (294,596.94) (86.20) (17,416.87) (15,859.85) (16,086.20) (82,997.27) (312,997.63) (264,938.01) (86.20		(A1E 040 00)	(407 FEO EZ)	(404 E00 00)		(1.047.400.0
O&M (255,942.79) (273,022.84) (294,596.94) (8 G&A (17,416.87) (15,859.85) (16,086.20) (8 Carrying Cost Balance (282,997.27) (312,997.63) (264,938.01) (8 Carrying Cost Balance 6,607,836.56 6,501,613.71 6,426,436.93 19,5 plus expense 167,136.81 213,705.91 279,107.23 6 less amortization (273,359.66) (288,882.69) (310,683.13) (8 End Balance 6,501,613.71 6,426,436.93 6,394,861.03 19,5 Prior Month Ending Balance for return calc (2007- Nov 09 Average Bal.) 6,607,836.56 6,501,613.71 6,426,436.93 19,5 ADIT 1,553,079.47 1,528,113.28 1,510,444.03 4,5 Basis for return calc 5,054,757.09 4,973,500.43 4,915,992.90 14,5 Return Calc Debt Component - Net of Tax 7,800.50 7,675.11 7,586.36 Equity Component - Net of Tax 22,548.26 22,185.79 21,929.26 Equity Return Tax Gross-Up 6,929.08 6,817.69 6,738.86 <td></td> <td>(415,343.20)</td> <td>(427,550.57)</td> <td>(404,586.83)</td> <td></td> <td>(1,247,480.6</td>		(415,343.20)	(427,550.57)	(404,586.83)		(1,247,480.6
O&M (255,942.79) (273,022.84) (294,596.94) (8 G&A (17,416.87) (15,859.85) (16,086.20) (8 Carrying Cost Balance (282,997.27) (312,997.63) (264,938.01) (8 Carrying Cost Balance 6,607,836.56 6,501,613.71 6,426,436.93 19,5 plus expense 167,136.81 213,705.91 279,107.23 6 less amortization (273,359.66) (288,882.69) (310,683.13) (8 End Balance 6,501,613.71 6,426,436.93 6,394,861.03 19,5 Prior Month Ending Balance for return calc (2007- Nov 09 Average Bal.) 6,607,836.56 6,501,613.71 6,426,436.93 19,5 ADIT 1,553,079.47 1,528,113.28 1,510,444.03 4,5 Basis for return calc 5,054,757.09 4,973,500.43 4,915,992.90 14,5 Return Calc Debt Component - Net of Tax 7,800.50 7,675.11 7,586.36 Equity Component - Net of Tax 22,548.26 22,185.79 21,929.26 Equity Return Tax Gross-Up 6,929.08 6,817.69 6,738.86 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
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Carrying Cost Balance Beg Balance 6,607,836.56 6,501,613.71 6,426,436.93 19,5 plus expense 167,136.81 213,705.91 279,107.23 6,6 less amortization (273,359.66) (288,882.69) (310,683.13) (6 End Balance 6,501,613.71 6,426,436.93 6,394,861.03 19,3 Prior Month Ending Balance for return calc (2007- Nov 09 Average Bal.) 6,607,836.56 6,501,613.71 6,426,436.93 19,5 ADIT 1,553,079.47 1,528,113.28 1,510,444.03 4,5 Basis for return calc 5,054,757.09 4,973,500.43 4,915,992.90 14,5 Return Calc Debt Component - Net of Tax 7,800.50 7,675.11 7,586.36 Equity Component - Net of Tax 22,548.26 22,185.79 21,929.26 Equity Return Tax Gross-Up 6,929.08 6,817.69 6,738.86	-		(15,859.85)			(49,362.9
Beg Balance plus expense 6,607,836.56 6,501,613.71 6,426,436.93 19,5 plus expense less amortization (273,359.66) (288,882.69) (288,882.69) (310,683.13) (8 plus expense) End Balance 6,501,613.71 6,426,436.93 6,394,861.03 19,5 plus expense Prior Month Ending Balance for return calc (2007- Nov 09 Average Bal.) 6,607,836.56 6,501,613.71 6,426,436.93 19,5 plus expense ADIT 1,553,079.47 1,528,113.28 1,510,444.03 4,5 plus expense Basis for return calc 5,054,757.09 4,973,500.43 4,915,992.90 14,5 plus expense Return Calc 7,800.50 7,675.11 7,586.36 Equity Component - Net of Tax 22,548.26 22,185.79 21,929.26 Equity Return Tax Gross-Up 6,929.08 6,817.69 6,738.86		(282,997.27)	(312,997.63)	(264,938.01)		(860,932.9
Beg Balance plus expense 6,607,836.56 6,501,613.71 6,426,436.93 19,5 plus expense less amortization (273,359.66) (288,882.69) (279,107.23 6 End Balance 6,501,613.71 6,426,436.93 (310,683.13) (8 Prior Month Ending Balance for return calc (2007- Nov 09 Average Bal.) 6,607,836.56 6,501,613.71 6,426,436.93 19,5 ADIT 1,553,079.47 1,528,113.28 1,510,444.03 4,5 Basis for return calc 5,054,757.09 4,973,500.43 4,915,992.90 14,5 Return Calc Debt Component - Net of Tax 7,800.50 7,675.11 7,586.36 Equity Component - Net of Tax 22,548.26 22,185.79 21,929.26 Equity Return Tax Gross-Up 6,929.08 6,817.69 6,738.86						
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less amortization (273,359.66) (288,882.69) (310,683.13) (8 End Balance	ce	6,607,836.56	6,501,613.71	6,426,436.93		19,535,887.2
End Balance 6,501,613.71 6,426,436.93 6,394,861.03 19,5 Prior Month Ending Balance for return calc (2007- Nov 09 Average Bal.) 6,607,836.56 6,501,613.71 6,426,436.93 19,5 ADIT 1,553,079.47 1,528,113.28 1,510,444.03 4,5 Basis for return calc 5,054,757.09 4,973,500.43 4,915,992.90 14,5 Return Calc Debt Component - Net of Tax 7,800.50 7,675.11 7,586.36 Equity Component - Net of Tax 22,548.26 22,185.79 21,929.26 Equity Return Tax Gross-Up 6,929.08 6,817.69 6,738.86	nse	167,136.81	213,705.91	279,107.23		659,949.9
End Balance Prior Month Ending Balance for return calc (2007- Nov 09 Average Bal.) ADIT Basis for return calc Return Calc Debt Component - Net of Tax Equity Component - Net of Tax Equity Return Tax Gross-Up End Balance 6,501,613.71 6,426,436.93 6,394,861.03 19,5 6,607,836.56 6,501,613.71 6,426,436.93 19,5 11,553,079.47 1,528,113.28 1,510,444.03 4,915,992.90 14,50 1,505,47,57.09 1,506.36 22,185.79 21,929.26 6,738.86						(872,925.4
Prior Month Ending Balance for return calc (2007- Nov 09 Average Bal.) 6,607,836.56 6,501,613.71 6,426,436.93 19,5 ADIT 1,553,079.47 1,528,113.28 1,510,444.03 4,5 Basis for return calc 5,054,757.09 4,973,500.43 4,915,992.90 14,9 Return Calc Debt Component - Net of Tax 7,800.50 7,675.11 7,586.36 Equity Component - Net of Tax 22,548.26 22,185.79 21,929.26 Equity Return Tax Gross-Up 6,929.08 6,817.69 6,738.86	ce					19,322,911.6
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Basis for return calc 5,054,757.09 4,973,500.43 4,915,992.90 14,6 Return Calc Debt Component - Net of Tax 7,800.50 7,675.11 7,586.36 Equity Component - Net of Tax 22,548.26 22,185.79 21,929.26 Equity Return Tax Gross-Up 6,929.08 6,817.69 6,738.86		1.553.079 47	1.528.113.28	1.510.444 03		4,591,636.7
Return Calc Debt Component - Net of Tax 7,800.50 7,675.11 7,586.36 Equity Component - Net of Tax 22,548.26 22,185.79 21,929.26 Equity Return Tax Gross-Up 6,929.08 6,817.69 6,738.86	eturn calc					14,944,250.4
Debt Component - Net of Tax 7,800.50 7,675.11 7,586.36 Equity Component - Net of Tax 22,548.26 22,185.79 21,929.26 Equity Return Tax Gross-Up 6,929.08 6,817.69 6,738.86	****** *****	5,55 .,7 67 .55	.,0.0,000.10	.,0.0,002.00		,5 / 1,200.7
Debt Component - Net of Tax 7,800.50 7,675.11 7,586.36 Equity Component - Net of Tax 22,548.26 22,185.79 21,929.26 Equity Return Tax Gross-Up 6,929.08 6,817.69 6,738.86	alo.					
Equity Component - Net of Tax 22,548.26 22,185.79 21,929.26 Equity Return Tax Gross-Up 6,929.08 6,817.69 6,738.86		7 800 50	7 675 11	7 586 26		23,061.9
Equity Return Tax Gross-Up						66,663.3
37,277.84 30,078.39 35,234.48						20,485.6
	III	31,211.84	30,078.59	30,234.48		110,210.9
Source: Monthly Accounting File	Monthly Accounting File					

DSDR Deferral Calculation				
DSM/EE Filing Support Cost summary for 07/18 - 9/18				
. Cost summary for 07/16 - 9/16				
5				
6				
7	Jul-18	Aug-18	Sep-18	Q3 2018
DSDR Current Period Actual Program Cost Defe	arrol.			
DSDR Program Costs	321,396.81	794,549.42	236,266.01	1,352,212.24
" DSDR G&A	,	,		.,
True-up Entry Amount, if any (See **True-up Notes				
Subtotal Deferred G&A and O&M	321,396.81	794,549.42	236,266.01	1,352,212.24
14 15 SC:				
16 Program Costs	43,290.78	107,022.41	31,824.02	182,137.21
₁₁ G&Ă	-	-	-	-
True-up Entry Amount, if any (See **True-up Notes				
Subtotal Deferred O&M and G&A	43,290.78	107,022.41	31,824.02	182,137.21
21 Smart Grid Insurance Expense Accrual	8,748.26	8,676.83	8,605.00	26,030.09
22	0,7 10.20	0,070.00	0,000.00	20,000.00
Smart Grid Depreciation	145,113.71	145,119.73	145,125.36	435358.8
Smart Grid Property Tax	32,045.15	32,045.15	32,045.15	96,135.44
R&E Tax Credit				
Subtotal for Expense Deferral	229,197.90	292,864.12	217,599.53	739,661.54
28	,	,		
Return on 101 Capital SmartGrid - Debt	21,707.02	21,514.88	21,322.29	64,544.19
Return on 101 Capital SmartGrid - Equity	61,853.79	61,306.30	60,757.53	183,917.62
graph Equity Return Tax Gross Up	19,007.67 102,568.48	18,839.43 101,660.61	18,670.79 100,750.61	56,517.89 304,979.70
33	102,300.40	101,000.01	100,730.01	304,979.70
34 Recovery				
SC SC	(505,056.41)	(499,095.93)	(468,172.50)	(1,472,324.84)
36				
37 38 Amortizaton				
∞ O&M	(112,702.53)	(133,922.59)	(108,832.52)	(355,457.64)
∞ G&A	(816.79)	(816.79)	(816.79)	(2,450.37)
Other (Dep and Prop Tax)	(177,158.86)	(177,164.88)	(177,170.51)	(531,494.24)
42	(290,678.17)	(311,904.26)	(286,819.82)	(889,402.25)
a Carrying Cost Balance				
Beg Balance	3,048,505.84	2,987,025.57	2,967,985.42	9,003,516.83
plus expense	229,197.90	292,864.12	217,599.53	739,661.54
less amortization less End Balance	(290,678.17) 2,987,025.57	(311,904.26) 2,967,985.42	(286,819.82) 2,898,765.13	(889,402.25) 8,853,776.12
Prior Month Ending Balance for return calc (2007-	3,048,505.84	2,987,025.57	2,967,985.42	9,003,516.83
50	0,0 .0,000.0 .	2,007,020.07	2,007,0001.2	0,000,010.00
adit	716,508.62	702,058.54	697,583.42	2,116,150.58
Basis for return calc	2,331,997.22	2,284,967.03	2,270,402.00	6,887,366.25
s Return Calc				
Debt Component - Net of Tax	3,598.74	3,526.16	3,503.68	10,628.58
Equity Component - Net of Tax	10,402.57	10,192.78	10,127.81	30,723.16
Equity Return Tax Gross-Up	3,196.71	3,132.24	3,112.28	9,441.23
Total Return	17,198.02	16,851.18	16,743.77	50,792.97
59				
61				
62				
Source: Monthly Accounting File				